TRPS1 polyclonal antibody

Catalog: BS61549 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

The autosomal dominant tricho-rhino-phalangeal syndrome type 1 (TRPS1) is a rare disorder clinically characterized by sparse scalp hair, a bulbous nose, protruding ears, a thin upper lip, an elongated philtrum and bone deformities. The human TRPS1 gene maps to chromosome 8q24 and encodes a GATA-type zinc-finger protein. TRPS1 binds GATA sequences but does not activate GATA-dependent transcription. In fact, TRPS1 represses transcriptional activation mediated by other GATA factors. The noncompetitive mechanism for transcriptional repression depends upon an Ikaros-like C-terminal region. In mice, mutations in the GATA domain of TRPS1 cause facial abnormalities that parallel TRPS1 symptoms. TRPS1 is expressed during mouse embryonic development in developing joints, hair follicles, snout, lung, spine and brain.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 141 kDa

Swiss-Prot:

Q9UHF7

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE)

Applications:

WB: 1:500~1:1000

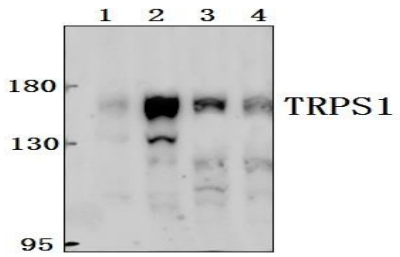
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

TRPS1 polyclonal antibody detects endogenous levels of TRPS1 protein.

DATA:



Western blot (WB) analysis of TRPS1 polyclonal antibody at 1:500 dilution

Lane1:Hela whole cell lysate(40ug)

Lane2:PC3 whole cell lysate(40ug)

Lane3:The fetal Brain tissue lysate of Mouse(40ug)

Lane4:The fetal Brain tissue lysate of Rat(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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